Produced by the South Central Center for Public Health Preparedness
in partnership with the Alabama Department of Public Health

Agricultural Security

Avian Influenza:

Implications for Agriculture and Public Health

Satellite Conference

Friday, August 5, 2005 • 12:00-1:30 p.m. (Central Time)

1:00-2:30 p.m. (Eastern Time) • 11:00 a.m.-12:30 p.m. (Mountain Time) • 10:00-11:30 a.m. (Pacific Time)

Faculty:
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Program Objectives:

1. Understand Avian Influenza virus serotype and pathotype nomenclature.
2. Understand the disease in poultry.
3. Understand the consequences of Avian Influenza as an agricultural problem and the potential local and statewide economic impact in a poultry-producing state like Alabama.
4. Understand Avian Influenza as a public health issue.

Conference Details:

Target Audience: Public health professionals, first responders, community planners, veterinarians, healthcare providers, producers, processors and educators.
CEUs: No CEU's awarded for this program.
Registration: www.adph.org/alphtn Cost: No cost to view
Satellite Technical Information: This program will be a live satellite broadcast on both Ku & C bands. You will need a satellite downlink system to view this program.
Webcast Information: This program will be available as an on-demand webcast approximately two days after the live satellite broadcast. To access this webcast, www.adph.org/alphtn (click On-Demand Webcasts).
Conference Materials: Posted on website approximately one week before the program.
Questions: alphtn@adph.state.al.us or 334-206-5618.
If you have questions that you want addressed during the conference, you may fax or email those questions and a response will be given during the program.
Email: alphtn@adph.state.al.us Fax: 334-206-5640

Avian Influenza (AI) is classified by the hemagglutination (H) and neuraminidase (N) antigens. In poultry, AI strains are further typed by pathogenicity as high path (HPAI) or low path (LPAI). H5 and H7 serotypes of AI virus hold the greatest potential to suddenly mutate to HPAI. Poultry in Alabama are free of AI. The state veterinary diagnostic laboratories conduct ongoing surveillance of commercial and noncommercial poultry by serology, molecular detection, and virus isolation. An outbreak of AI in a single broiler production complex in Alabama would have profound economic consequences in a local community, cause statewide repercussions, and likely affect poultry exports in the Southeastern U.S. H5N1 AI in Southeast Asia, the so-called bird flu, has a relatively wide host range beyond poultry, to include humans and other mammals. In addition to the H5N1 problem, recent events in Europe and North America have raised additional concerns about other strains of AI virus and their zoonotic potential. These events erode the traditional view of AI as an isolated agricultural problem of poultry. Emerging issues include the effect of AI on agricultural emergency disease responders and the need to monitor the potential public health threat from outbreaks of AI in poultry.

Upcoming Program:
Supporting Children in Times of Crisis
Tuesday, August 9, 2005 • 12:00-1:30 p.m. (Central Time)
to register for this program and to view all upcoming programs: www.adph.org/alphtn

The South Central Center for Public Health Preparedness is a partnership of the state health departments in Alabama, Arkansas, Louisiana and Mississippi and the Schools of Public Health at UAB, UAMS and Tulane University with funding from the CDC.

alabama public health training network